C

City of Santa Fe Springs

INDUSTRIAL WASTE DISPOSAL PERMIT APPLICATION

Santa Fe Springs Fire Department
Fire and Environmental Protection Division
11300 Greenstone Avenue, Santa Fe Springs, CA 90670
(310) 944-9713

1. Company Name: ELECTRONIC CHROME & GRINDING CO., INC Owner or Tenant (circle one)
2. Site Address: 9132 DICE ROAD
3. Mailing Address: SAME
4. Estimated Date of Occupancy: _____ 5. Standard Industrial Classification (SIC) Code: 3471
6. Waste Producing Operations (other than domestic): HARD CHROME
7. Constituents of Waste Generated (general description): HEX CHROME
8. Company Contact Responsible for Industrial Waste Disposal:

MIKE REED	VP/GENL MGR.	310-946-6671
(Name)	(Position)	(Telephone Number)

9. Disposal Method:

(i) _____ Public Sewer (see section I below)

(ii) X Other (see section II below)

I. Wastewater Discharged to the Public Sewer:

(A) Average Daily Flow Rate (gallons per day): _____

(B) Estimated Peak Flow Rate (gallons per minute): _____

(C) Type of Wastewater Pretreatment Equipment:

(i) Existing: _____

(ii) Proposed: _____

(D) Exact Point of Connection to the Public Sewer (include distance to adjacent street):

_____

(E) Most Common Time of Discharge:
(i) _____ am/pm to _____ am/pm
(ii) Days Per Week: (circle one) M T W Th F Sa Su

II. Disposal Method if Not Discharged to the Public Sewer: (check one)

(A) _____ Private Underground Disposal System

(B) _____ Storm Drain or Channel

(C) X Hauled to a Licensed Disposal Facility

(D) _____ Other (describe) _____

The applicant must affirm that all information furnished is true and correct. Additional information may be required before the permit can be processed. An annual inspection fee will be required once the permit is issued.

Michael Reed	MICHAEL REED	GENL/MGR	6/18/96
Applicant's Signature (Company Administrative Official)	Printed or Typed Name	Position	Date

WHITE COPY- APPLICANT *PINK COPY-FIRE DEPARTMENT*

CITY OF SANTA FE SPRINGS

COMPLETING THE INDUSTRIAL WASTE DISPOSAL PERMIT APPLICATION

LINE 1) **COMPANY NAME**
Enter the legal name of the company responsible for industrial waste disposal. Circle either 'owner' or 'tenant' depending on whether or not the responsible company owns or leases the property.

LINE 2) **SITE ADDRESS**
Enter the address of the waste-producing facility.

LINE 3) **MAILING ADDRESS**
Enter the mailing address if different than the site address. **All correspondence relating to the Industrial Waste Disposal Permit will be sent to this address.** If the mailing address will be different during the permit process, an accompanying letter should specify the alternate mailing address.

LINE 4) **ESTIMATED DATE OF OCCUPANCY**
Enter the date in which you will occupy the property and begin waste-producing operations.

LINE 5) **STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE**
Enter the code which best applies to the operation at the facility. The City can help if the SIC code is not known.

LINE 6) **WASTEWATER PRODUCING OPERATIONS (OTHER THAN DOMESTIC)**
Provide a brief description of the operations that will generate industrial waste. This must include **all** industrial operations generating waste. This does NOT include waste generated from restrooms, lunch rooms, and condensate drains. A more complete description of the process operation should be included on an accompanying letter if the space provided is insufficient.

LINE 7) **CONSTITUENTS OF WASTE GENERATED (GENERAL DESCRIPTION)**
List the typical type of material found in the waste producing operation. (i.e. oil, detergents, dirt, food particles, etc.)

LINE 8) **COMPANY CONTACT RESPONSIBLE FOR INDUSTRIAL WASTE DISPOSAL**
Identify the company official who has a working knowledge of the operations producing waste, is responsible for the industrial waste disposal, and may be contacted during an inspection. If someone other than the individual listed should be contacted during the permit process, such as a contractor, plumber, or consultant, this person must be specified on an accompanying letter.

LINE 9) **DISPOSAL METHOD**
Choose one of the two choices available depending on your method of disposing non-hazardous industrial waste. Complete either section I or section II depending on the disposal method selected.

- OVER -

SECTION 1. WASTEWATER DISCHARGE TO THE PUBLIC SEWER

This section must be completed by all applicants disposing industrial wastewater to the public sewer.

A. Average Daily Flow Rate (gallons per day)

Estimate the average industrial wastewater flow rate in gallons per day. For existing facilities, use the form entitled, 'How to Calculate the Average Daily Wastewater Flow Rate', available at the Fire Department Headquarters. New facilities should contact equipment manufactures or other knowledgeable sources to obtain as accurate an estimate as possible.

B. Estimated Peak Flow Rate (gallons per minute)

The peak flow rate represents the rate at which wastewater is discharged to the public sewer during the single highest 30-minute discharge period. The City Code allows a maximum peak flow of 0.021 cubic feet per second per acre, (9.42 gallons per minute per acre) for areas zoned for industrial activities. Any facility proposing to exceed the allowable peak flow must receive prior approval from the City Engineer.

C. Type of Wastewater Pretreatment Equipment

All facilities must install wastewater pretreatment equipment which will prevent any deleterious material from entering the sewer system. In addition, a County Standard I-12 sample box must be installed such that all industrial wastewater can be sampled prior to discharge into the public sewer. No domestic wastewater is permitted in the sample box.

D. Exact Point of Connection to the Public Sewer

All new construction facilities must identify the exact location where the sewer lateral connects to the sewer main. Existing facilities may estimate the point of connection location.

E. Most Common Time of Discharge

Enter the typical hours and days when the facility will conduct business. If the hours change from day to day, enter the operating hours of the longest work day.

SECTION 2. DISPOSAL METHOD IF NOT DISCHARGED TO THE PUBLIC SEWER (check one)

This section must be completed by all applicants disposing industrial waste by means other than the public sewer. Check the method which best describes how the facility will dispose industrial waste.

CALCULATION OF INDUSTRIAL WASTEWATER DISCHARGE FLOW RATE

COMPANY NAME: _____

ADJUSTED METERED WATER SUPPLY CALCULATIONS (Round all figures to two decimals)

MILLION GALLONS PER YEAR

I Incoming Water

1. Metered Water Supply from Purveyor (Water Company). Use most recent 12 consecutive months and attach copies of water bills. _____ . MGY
2. Water Supply from Company Well. Attach meter or water master data for most recent 12 consecutive months. _____ . MGY
3. Water Received in Raw Materials, or by other means. Explain in attachments. _____ . MGY
4. Rainwater/Groundwater Discharged to the Sewerage System. Explain in attachments. _____ . MGY
5. Total Incoming Water. (Add lines 1 to 4) _____ . MGY

II Water Losses

6. Wastewater Discharged to Stormwater Drainage System Explain in attachments. (NPDES Permit No._____) _____ . MGY
7. Water Lost Through Evaporation and Irrigation. (add lines a + b + c + d on the back of this form) _____ . MGY
8. Water Lost in Products. Explain in attachments. _____ . MGY
9. Sanitary Flow Deduction (from line "e" on the back of this form) _____ . MGY
10. Total Water Losses (add lines 6 to 9) _____ . MGY

III Industrial Wastewater Discharged

11. Calculated Industrial Wastewater Discharged to the public sewer (subtract line 10 from line 5) _____ . MGY
12. Any Proposed increase (+) or decrease (−) in industrial wastewater discharge to the public sewer? (explain in attachments) Circle one (−) (−) _____ . MGY
13. Total proposed yearly industrial wastewater discharge (add lines 11 and 12) _____ . MGY
14. Average industrial wastewater flow (use line 13 to calculate below)

Million Gallons per Year	×	1,000,000	÷	Number of Discharge Days per Year	=	Gallons per Day
	×	1,000,000	÷		=	

(OVER)

WATER LOSSES

a. COOLING TOWER LOSSES

Tonnage	×	Hours of Operation Per Year	×	Load[1]	×	1.38[2]	÷	1,000,000	=	Mil. Gal. Per Year	
	×		×	0.	×	1.38	÷	1,000,000	=		
	×		×	0.	×	1.38	÷	1,000,000	=		
									=		a

[1]Load = 0.50 to 0.80
[2]1.38 = Gallons evaporated per hour per ton

b. BOILER LOSSES

Horsepower	×	Hours of Operation Per Year	×	Load[3]	×	% Evaporation[4]	×	3.82[5]	÷	1,000,000	=	Mil. Gal. Per Year	
	×		×	0.	×	0.	×	3.82	÷	1,000,000	=		
	×		×	0.	×	0.	×	3.82	÷	1,000,000	=		
											=		b

[3]Load = 0.50 to 0.80
[4]%Evaporation = (100 − % condensate returned)/100
[5]3.82 = Gallons evaporated per hour per ton

c. OTHER EVAPORATIVE LOSSES
(Explain in attachments)

Million Gallons Per Year	
	c

d. IRRIGATION LOSSES

Square Feet of Land Irrigated	×	18.7[6]	÷	1,000,000	=	Mil. Gal. Per Year	
	×		÷		=		d

[6]18.7 = Gallons irrigated per square foot per year

e. SANITARY FLOW DEDUCTION

No. Employees	×	Working Days Per Year	×	Gallons Per Employee Per Day	÷	1,000,000	=	Mil. Gal. Per Year	
	×		×	15	÷	1,000,000			e

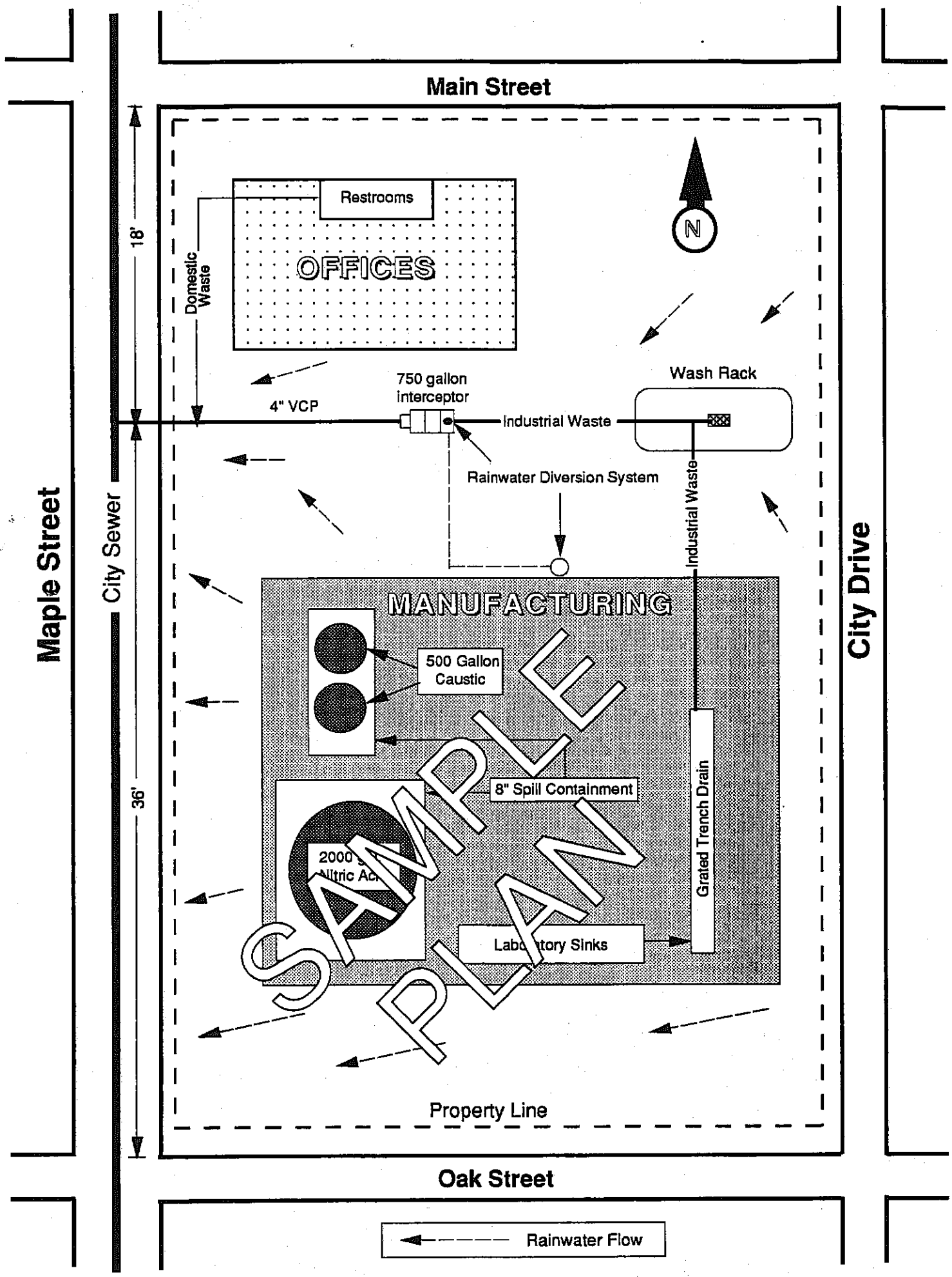
INCOMING WATER METERS

Please list all the accounts (or other identification) for all the meters that measure the water supplied to the facility.

Meter#	Location	Account#

Abbreviations and Conversion Factors

MGY = million gallons per year
1 cubic foot = 7.48 gallons
1 acre foot = 325,900 gallons
1 acre = 43,560 square feet
1 CCF = 748 gallons


Main Street
Maple Street
City Drive
Oak Street
City Sewer
18'
36'
Restrooms
OFFICES
Domestic Waste
N
4" VCP
750 gallon interceptor
Industrial Waste
Wash Rack
Rainwater Diversion System
Industrial Waste
MANUFACTURING
500 Gallon Caustic
8" Spill Containment
Grated Trench Drain
Laboratory Sinks
SAMPLE PLAN
Property Line
Rainwater Flow